As a below nam	ed inventor, I hereby declare that:
This declaration	is of the following type:
[ ] [ ] [ ] [X]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole inv	ost office address and citizenship are as stated below next to my name. I believe I am the original, rentor (if only one name is listed below) or an original, first and joint inventor (if plural names are the subject matter which is claimed and for which a patent is sought on the invention entitled:
	TITLE OF INVENTION
"MERIE PL	ASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"
	SPECIFICATION IDENTIFICATION
The specification	of which:
[]	is attached hereto was filed on @, under Serial No. (unknown), executed on even date herewith; or  [ ] Express Mail No. @(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No and as amended under PCT Article 19 on
A	CKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
•	at I have reviewed and understand the contents of the above-identified specification, including the ed by any amendment referred to above.
	te duty to disclose all information I know to be material to patentability in accordance with Federal Regulations, §1.56,
	aterial to the examination of this application; namely, information where there is a substantial reasonable Examiner would consider it important in deciding whether to allow the application to and
	[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

A.

В.

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for
patent or inventor's certificate or of any PCT international application(s) designating at least one country other than
the United States of America listed below, and have also identified below any foreign application(s) for patent or
inventor's certificate or any PCT international application(s) designating at least one country other than the United
States of America filed by me on the same subject matter having a filing date before that of the application(s) of
which priority is claimed.

vhich p	riority is	claimed.			
	[X]	No such applications have been filed.			
	[]	Such applications have been filed as follow	s:		
Α.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119				
Count	ry/PCT	Application No	Date Filed	Priority Claimed	
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No	
3.		eign application(s), if any, filed more than plication	12 mos. (6 mos for design	) prior to this	
	-	tion No:			
		PRIORITY CLAIM	(35 U.S.C. §120)		
hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a easonable Examiner would consider it important in deciding whether to allow the application to issue as a patent)					

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L 3	No such applications have been filed  Such applications have been filed, as follows:			
		Status		
Serial No.	Filing Date	Patented	Pending	Abandoned
09/527.342	March 17, 2000		X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Registration No. 37,165 Raymond Kam-On Kwong James C. Wilson Registration No. 35,412 Registration No. 37,771 Joseph Bach Robert W. Mulcahy Registration No. 25,436 Robert M. Wallace Registration No. 29,119

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052. Robert M. Wallace (805) 644-4035

#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or firs	st inventor:	DANIEL J. HOF	FMAN	
Inventor's signature:	Down	La Alfra	Date:	15-1-1
Residence:	SARATOGA, C	A 95070		
Post Office Address:	12343 ARROY	O DE ARGUELLO	)	
	SARATOGA, C	CA 94070		
	U.S.A.		Country of Citizenship	o: USA
Full name of second inv	entor:	YAN YE		
Inventor's signature:			Date:	
Residence:	SARATOGA, C	CA 95008		
Post Office Address:	13271 VIA ARI			
	SARATOGA, C	CA 95008		
	U.S.A.		Country of Citizenship	o: USA
Full name of third inver	ntor:	DAN KATZ		
Inventor's signature:			Date:	
Residence:	AGOURA HILI	LS, CA 91301		
Post Office Address:	5520 EMBER C	COURT		
	AGOURA HILI	LS, CA 91301		
	U.S.A.		Country of Citizenship	o: USA

Full name of fourth inventor:		DOUGLAS A. BUCHBERGER, JR.	
Inventor's signature:			Date:
Residence: Post Office Address:	LIVERMORE, C 2076 VINTAGE LIVERMORE, C U.S.A.	LANE	Country of Citizenship: USA
Full name of fifth inventor	or:	XIAOYE ZHAO	
Inventor's signature:			Date:
Residence: Post Office Address:	MOUNTAIN VI 117 WHIT'S RO MOUNTAIN VI U.S.A.	AD	Country of Citizenship: USA
Full name of sixth invent	or:	KANG-LIE CH	IANG
Inventor's signature:			Date:
Residence: Post Office Address:	SAN JOSE, CA 1788 Rosswood SAN JOSE, CA U.S.A.	Dr.	Country of Citizenship: TAIWAN
Full name of seventh inv	entor:	ROBERT B. HA	AGEN
Inventor's signature:			Date:
Residence: Post Office Address:	NEWARK, CA 6826 CABERNI NEWARK, CA U.S.A.	94560 ET AVENUE	Country of Citizenship: USA
Full name of eighth inve	ntor:	MATTHEW L.	MILLER
Inventor's signature:			Date:
Residence: Post Office Address:	NEWARK, CA 35457 ORLEAN NEWARK, CA U.S.A.	NS DRIVE	Country of Citizenship: USA

As a below named inventor, I hereby declare that:				
This declaration is of the following type:				
[ ] original [ ] divisional [ ] continuation [X] continuation-in-part				
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TITLE OF INVENTION				
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SPECIFICATION IDENTIFICATION				
The specification of which:				
<ul> <li>[X] is attached hereto</li> <li>[] was filed on @, under Serial No. (unknown), executed on even date herewith; or</li> <li>[] Express Mail No. @(as Serial No. not yet known)</li> <li>and was amended on (if applicable)</li> <li>[] was described and claimed in PCT International Application No</li> <li>filed on and as amended under PCT Article 19 on</li> </ul>				
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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.				
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and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and				

PRIORITY CLAIM (35 U.S.C. §119)

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accordance with 37 CFR §1.98.

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States of America filed by me on the same subject matter having a filing date before that of the application(s) of
which priority is claimed.

[X]	No such applications have been filed.

Such applications have been filed as follows:

# A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

Country/PCT	Application No	Date Filed	Priority Claimed
			[ ] Yes [ ] No [ ] Yes [ ] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

[]

#### PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[] [X]	No such applications have b Such applications have been			
		Status		
Serial No	o. Filing Date	Patented	Pending	Abandoned

09/527,342 March 17, 2000 X

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 Registration No. 35,412 James C. Wilson Registration No. 37,771 Joseph Bach Registration No. 25,436 Robert W. Mulcahy Robert M. Wallace Registration No. 29,119

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Full name of sole or first	inventor:	DANIEL J. HOF	FFMAN	
Inventor's signature:			Date:	
Residence:	SARATOGA, C	A 95070		
Post Office Address: 12343 ARROYO DE		DE ARGUELLO	)	
	SARATOGA, C	A 94070		
	U.S.A.		Country of Citizensh	ip: USA
Full name of second inve	entor:	YAN YE		
Inventor's signature:	2		Date:	10-22-01
Residence:	SARATOGA, C	A 95008		
Post Office Address:	13271 VIA ARF	RIBA DRIVE		
	SARATOGA, C	A 95008		
	U.S.A.		Country of Citizensh	ip: USA
Full name of third inven	tor:	DAN KATZ		
Inventor's signature:			Date:	
Residence:	AGOURA HILI	LS, CA 91301		
Post Office Address:	5520 EMBER C	COURT		
	AGOURA HILI	LS, CA 91301		
	U.S.A.		Country of Citizensh	ip: USA

Full name of fourth inve	ntor: DOUGLAS A.	BUCHBERGER, JR.
Inventor's signature:		Date:
Residence:	LIVERMORE, CA 95540	
Post Office Address:	2076 VINTAGE LANE	
1 Opt Office Hadress.	LIVERMORE, CA 95540	
	U.S.A.	Country of Citizenship: USA
	0,0,1,1,1	•
Full name of fifth invent	or: XIAOYE ZHA	O
Inventor's signature:		Date:
Residence:	MOUNTAIN VIEW, CA 94040	
Post Office Address:	117 WHIT'S ROAD	
	MOUNTAIN VIEW, CA 94040	
	U.S.A.	Country of Citizenship: USA
	tor: KANG-LIE CI	HANG
Full name of sixth inven	tor: KANG-LIE Ci	DIAID
Inventor's signature:		Date:
Residence:	SAN JOSE, CA 95124	
Post Office Address:	•	
1 050 011100 11441 055.	SAN JOSE, CA 95124	
	U.S.A.	Country of Citizenship: TAIWAN
		Y. CTV
Full name of seventh inv	ventor: ROBERT B. H	HAGEN
Inventor's signature:		Date:
Residence:	NEWARK, CA 94560	Dutti
Post Office Address:		
1 oot Office Hadress.	NEWARK, CA 94560	
	U.S.A.	Country of Citizenship: USA
		•
Full name of eighth inve	entor: MATTHEW I	. MILLER
Y		Date:
Inventor's signature:	NEWARK, CA 94560	Date:
Residence:	35457 ORLEANS DRIVE	
Post Office Address:	NEWARK, CA 94560	
	•	Country of Citizenship: USA
	U.S.A.	Country of Chizensinp. Corr

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This declaration	is of the following type:		
[ ] [ ] [ ] [X]	original divisional continuation continuation-in-part		
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My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:			
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	[X]	No such applications have been file	d.	
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Α.		oreign/PCT application(s) filed with ority claims under 35 U.S.C. §119	hin 12 mos. (6 mos. for de	sign) prior to this application, and
Count	ry/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
в.	U.S. ap	tion No:	re than 12 mos. (6 mos for	design) prior to this
		PRIORITY C	LAIM (35 U.S.C. §120)	
internat subject provide that is n reasona which o	ional app matter of d by the thaterial to ble Exan	the benefit under Title 35, United Stablication(s) designating the United Stablication(s) designating the United Stable to the claims of this application (application of the examination of this application (application) the two of the prior application the filing date of the prior application (application) the two of the prior application (application)	states of America that is/a is not disclosed in that/tho tes Code, §112, I acknowle namely, information where deciding whether to allow	are listed below and, insofar as the se prior application(s) in the manner edge the duty to disclose information there is substantial likelihood that a the application to issue as a patent)
	[] [X]	No such applications have been filed, a Such applications have been filed, a		
			Status	

Patented

Pending

X

Abandoned

Filing Date

March 17, 2000

Serial No.

09/527,342

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Joseph Bach Registration No. 37,771 Robert W. Mulcahy Registration No. 25,436 Robert M. Wallace Registration No. 29,119

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U.S.A.

Robert M. Wallace (805) 644-4035

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Full name of sole or firs	t inventor: DAN	EL J. HOFFMAN
Inventor's signature:		Date:
Residence:	SARATOGA, CA 9507	0
Post Office Address:	12343 ARROYO DE A	RGUELLO
	SARATOGA, CA 9407	0
	U.S.A.	Country of Citizenship: USA
Full name of second inv	entor: YAN	YE
Inventor's signature:		Date:
Residence:	SARATOGA, CA 9500	8
Post Office Address:	13271 VIA ARRIBA D	RIVE
	SARATOGA, CA 9500	8
	U.S.A.	Country of Citizenship: USA
Full name of third inver	ntor: DAN	KATZ
Inventor's signature:	Dan tab	Date: 10/09/01
Residence:	AGOURA HILLS, CA	91301
Post Office Address:	5520 EMBER COURT	
	AGOURA HILLS, CA	91301

Country of Citizenship: USA

Full name of fourth inve	entor: DOUGLAS A.	BUCHBERGER, JR.		
Inventor's signature:		Date:		
Residence: Post Office Address:	LIVERMORE, CA 95540 2076 VINTAGE LANE LIVERMORE, CA 95540	Country of Citizenship LIGA		
	U.S.A.	Country of Citizenship: USA		
Full name of fifth invent	or: XIAOYE ZHAO	0		
Inventor's signature:		Date:		
Residence: Post Office Address:	MOUNTAIN VIEW, CA 94040 117 WHIT'S ROAD			
	MOUNTAIN VIEW, CA 94040 U.S.A.	Country of Citizenship: USA		
Full name of sixth inventor: KANG-LIE CHIANG				
Inventor's signature:		Date:		
Residence: Post Office Address:	SAN JOSE, CA 95124 1788 Rosswood Dr.			
Fost Office Address.	SAN JOSE, CA 95124			
	U.S.A.	Country of Citizenship: TAIWAN		
Full name of seventh inv	entor: ROBERT B. H.	AGEN		
Inventor's signature:		Date:		
Residence:	NEWARK, CA 94560			
Post Office Address:	6826 CABERNET AVENUE			
	NEWARK, CA 94560 U.S.A.	Country of Citizenship: USA		
		, committy of our		
Full name of eighth inventor: MATTHEW L. MILLER				
Inventor's signature:		Date:		
Residence:	NEWARK, CA 94560			
Post Office Address:	35457 ORLEANS DRIVE NEWARK, CA 94560			
	U.S.A.	Country of Citizenship: USA		

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This declarat	ion is of the following type:
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	AGOURA HILLS, CA 91301	
	U.S.A.	Country of Citizenship: USA

Full name of fourth inv	entor: DOUGLAS A.	BUCHBERGER, JR.	
Inventor's signature:	Vin Brull-	Date: 10/2/01	
Residence: Post Office Address:	LIVERMORE, CA 95540 2076 VINTAGE LANE LIVERMORE, CA 95540		
	U.S.A.	Country of Citizenship: USA	
Full name of fifth invent	tor: XIAOYE ZHA	0	
Inventor's signature:		Date:	
Residence: Post Office Address:	MOUNTAIN VIEW, CA 94040 117 WHIT'S ROAD		
rost office radiess.	MOUNTAIN VIEW, CA 94040		
	U.S.A.	Country of Citizenship: USA	
Full name of sixth inven	tor: KANG-LIE CE	IIANG	
Inventor's signature:		Date:	
Residence: Post Office Address:	SAN JOSE, CA 95124 1788 Rosswood Dr.		
Fost Office Address.	SAN JOSE, CA 95124		
	U.S.A.	Country of Citizenship: TAIWAN	
Full name of seventh inv	ventor: ROBERT B. H	AGEN	
Inventor's signature:		Date:	
Residence:	NEWARK, CA 94560		
Post Office Address:	6826 CABERNET AVENUE NEWARK, CA 94560		
	U.S.A.	Country of Citizenship: USA	
Full name of eighth inventor:  MATTHEW L. MILLER			
Full name of eighth inve	MATTHEW L.	MILLER	
Inventor's signature:		Date:	
Residence:	NEWARK, CA 94560		
Post Office Address:	35457 ORLEANS DRIVE NEWARK, CA 94560		
	U.S.A.	Country of Citizenship: USA	

As a below named inventor, I hereby declare that:
This declaration is of the following type:
[ ] original [ ] divisional [ ] continuation [X] continuation-in-part
INVENTORSHIP IDENTIFICATION
My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
TITLE OF INVENTION
"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"
SPECIFICATION IDENTIFICATION
The specification of which:
<ul> <li>[X] is attached hereto</li> <li>[] was filed on @, under Serial No. (unknown), executed on even date herewith; or</li> <li>[] Express Mail No. @(as Serial No. not yet known)</li> <li>and was amended on</li></ul>
ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,
and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

PRIORITY CLAIM (35 U.S.C. §119)

accordance with 37 CFR §1.98.

In compliance with this duty there is attached an Information Disclosure Statement in

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for
patent or inventor's certificate or of any PCT international application(s) designating at least one country other than
the United States of America listed below, and have also identified below any foreign application(s) for patent or
inventor's certificate or any PCT international application(s) designating at least one country other than the United
States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

winch p	monity is	ciamieu.		
	[X]	No such applications have been	filed.	
	[]	Such applications have been file	ed as follows:	
<b>A.</b>		oreign/PCT application(s) filed ority claims under 35 U.S.C. §1	within 12 mos. (6 mos. for design) pr 19	ior to this application, and
Count	ry/PCT	Application No	Date Filed	Priority Claimed
				[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
В.	U.S. ap	plication : tion No:	more than 12 mos. (6 mos for design)	prior to this
			/ CLAIM (35 U.S.C. §120)	
internati subject in provided that is mareasonab	onal app matter of I by the f laterial to ble Exam ccurred b	lication(s) designating the Unite each of the claims of this applicat irst paragraph of Title 35, United the examination of this application iner would consider it important	States Code, §120, of any United S d States of America that is/are listed tion is not disclosed in that/those prior States Code, §112, I acknowledge the on (namely, information where there is in deciding whether to allow the application(s) and the national or PC.	below and, insofar as the application(s) in the manner duty to disclose information substantial likelihood that a ication to issue as a patent)
	[] [X]	No such applications have been filed Such applications have been filed		

Status

Pending

 $\mathbf{X}$ 

Abandoned

Patented

Filing Date

March 17, 2000

Serial No.

09/527,342

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Joseph Bach Registration No. 37,771 Robert W. Mulcahy Registration No. 25,436 Robert M. Wallace Registration No. 29,119

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052. Robert M. Wallace (805) 644-4035

#### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first	inventor: D.	ANIEL J. HOF	FMAN	
Inventor's signature:			Date:	
Residence:	SARATOGA, CA 9	5070		
Post Office Address:	12343 ARROYO D	E ARGUELLO		
	SARATOGA, CA 9	4070		
	U.S.A.		Country of Citizenship:	USA
Full name of second inve	ntor: Y.	AN YE		
Inventor's signature:			Date:	
Residence:	SARATOGA, CA 9	5008		
Post Office Address:	13271 VIA ARRIBA	A DRIVE		
	SARATOGA, CA 9	5008		
	U.S.A.		Country of Citizenship:	USA
Full name of third invent	cor: D.	AN KATZ		
Inventor's signature:			Date:	
Residence:	AGOURA HILLS, O	CA 91301		
Post Office Address:	5520 EMBER COU	RT		
	AGOURA HILLS, (	CA 91301		
	U.S.A.		Country of Citizenship:	USA

Inventor's signature:  Residence:  Post Office Address:  LIVERMORE, CA 95540  LIVERMORE, CA 95540  U.S.A.  Country of Citizenship: USA  Full name of fifth inventor:  XIAOYE ZHAO  Inventor's signature:  MOUNTAIN VIEW, CA 94040  Date: /0/3/0/	Full name of fourth inventor:		DOUGLAS A. E	BUCHBERGER, JR.	
Post Office Address: 2076 VINTAGE LANE LIVERMORE, CA 95540 U.S.A. Country of Citizenship: USA  Full name of fifth inventor: XIAOYE ZHAO  Inventor's signature: Date: /0/3/01  Residence: MOUNTAIN VIEW, CA 94040	Inventor's signature:			Date:	
U.S.A. Country of Citizenship: USA  Full name of fifth inventor: XIAOYE ZHAO  Inventor's signature: Date: /0/3/01  Residence: MOUNTAIN VIEW, CA 94040		2076 VINTAGE	LANE		
Inventor's signature: Date: 10/3/01 Residence: MOUNTAIN VIEW, CA 94040				Country of Citizensh	ip: USA
Residence: MOUNTAIN VIEW, CA 94040	Full name of fifth inventor	or:	XIAOYE ZHAC	)	
· ·		Bh	22	Date:	10/3/01
MOUNTAIN VIEW, CA 94040	Residence: Post Office Address:	117 WHIT'S RO	AD		
U.S.A. Country of Citizenship: USA		U.S.A.		Country of Citizensh	ip: USA
Full name of sixth inventor: KANG-LIE CHIANG	Full name of sixth invent	or:	KANG-LIE CHI	ANG	
Inventor's signature: Date:	_			Date:	
Residence: SAN JOSE, CA 95124 Post Office Address: 1788 Rosswood Dr.					
Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124	Post Office Address:				
U.S.A. Country of Citizenship: TAIWAN		·	/ / 12 1	Country of Citizensh	ip: TAIWAN
Full name of seventh inventor: ROBERT B. HAGEN	Full name of seventh inve	entor:	ROBERT B. HA	GEN	
Inventor's signature:  Date:	Inventor's signature:			Date:	
Residence: NEWARK, CA 94560		NEWARK, CA 9	94560		
Post Office Address: 6826 CABERNET AVENUE	Post Office Address:				
NEWARK, CA 94560		-	94560	0 ( 00:: 1	. 1101
U.S.A. Country of Citizenship: USA		U.S.A.		Country of Citizensh	ip: USA
Full name of eighth inventor: MATTHEW L. MILLER	Full name of eighth inver	ntor:	MATTHEW L. I	MILLER	
Inventor's signature: Date:	Inventor's signature:			Date:	
Residence: NEWARK, CA 94560					
Post Office Address: 35457 ORLEANS DRIVE	Post Office Address:				
NEWARK, CA 94560 U.S.A. Country of Citizenship: USA		•	74.70V	Country of Citizensh	ip: USA

As a below nar	ned inventor, I hereby declare that:
This declaration	a is of the following type:
[ ] [ ] [ ] [X]	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole in	post office address and citizenship are as stated below next to my name. I believe I am the original ventor (if only one name is listed below) or an original, first and joint inventor (if plural names are the subject matter which is claimed and for which a patent is sought on the invention entitled:
	TITLE OF INVENTION
"MERIE PL	ASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"
	SPECIFICATION IDENTIFICATION
The specificatio	n of which:
[X] [] filed or	
A	ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	nat I have reviewed and understand the contents of the above-identified specification, including the ded by any amendment referred to above.
	he duty to disclose all information I know to be material to patentability in accordance with f Federal Regulations, §1.56,
	naterial to the examination of this application; namely, information where there is a substantial reasonable Examiner would consider it important in deciding whether to allow the application to and
	[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for
patent or inventor's certificate or of any PCT international application(s) designating at least one country other than
the United States of America listed below, and have also identified below any foreign application(s) for patent or
inventor's certificate or any PCT international application(s) designating at least one country other than the United
States of America filed by me on the same subject matter having a filing date before that of the application(s) of
which priority is claimed.

	of Americ priority is		-	e subject mat	ter having	a filing date be	efore that of the application(s	) of
	[X]	No suc	n applications hav	e been filed.				
	[]	Such ap	oplications have b	een filed as fol	llows:			
A.		_	CT application(s ims under 35 U.S		12 mos. (6	mos. for design	n) prior to this application, a	and
Count	ry/PCT		Application	<u>No</u>	Date I	Filed	Priority Claimed	
							[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No	
В.	U.S. ap Country	plication 7: tion No:		, filed more th	nan 12 mos	s. (6 mos for de	sign) prior to this	
			PRI	ORITY CLA	IM (35 U.S	S.C. §120)		
internati subject i provided that is m reasonal	ional app matter of d by the to taterial to ble Exam ccurred b	olication( each of a first parago the examiner wou	s) designating the the claims of this a graph of Title 35, mination of this ap ald consider it imp	e United State application is a United States oplication (nan portant in deci	es of Amer not disclose Code, §112 nely, inform iding wheth	rica that is/are ed in that/those per in that/those per in the control of the con	ted States application(s) or P listed below and, insofar as prior application(s) in the man e the duty to disclose informatere is substantial likelihood the application to issue as a pater PCT international filing date	the mer tion at a ent)
	[] [X]		applications have be		llows:			
				S	tatus			
	Serial N	<u>o</u> .	Filing Date	Pat	ented	Pending	<u>Abandoned</u>	

 $\mathbf{X}$ 

March 17, 2000

09/527,342

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Joseph Bach Registration No. 37,771 Robert W. Mulcahy Registration No. 25,436 Robert M. Wallace Registration No. 29,119

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Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052. Robert M. Wallace (805) 644-4035

#### DECLARATION

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Full name of sole or firs	t inventor:	DANIEL J. HO	DFFMAN
Inventor's signature:			Date:
Residence:	SARATOGA	, CA 95070	
Post Office Address:	12343 ARRC	YO DE ARGUELI	LO
	SARATOGA	, CA 94070	
	U.S.A.	•	Country of Citizenship: USA
Full name of second inve	entor:	YAN YE	
Inventor's signature:			Date:
Residence:	SARATOGA	, CA 95008	
Post Office Address:	13271 VIA A	RRIBA DRIVE	
	SARATOGA	, CA 95008	
	U.S.A.		Country of Citizenship: USA
Full name of third inven	tor:	DAN KATZ	
Inventor's signature:			Date:
Residence:	AGOURA H	ILLS, CA 91301	
Post Office Address:	5520 EMBER	R COURT	
	AGOURA H	ILLS, CA 91301	
	U.S.A.		Country of Citizenship: USA

Full name of fourth inventor:		GLAS A. BUCHBERGER, JR.
Inventor's signature:		Date:
Residence: Post Office Address:	LIVERMORE, CA 9554 2076 VINTAGE LANE LIVERMORE, CA 9554	40
	U.S.A.	Country of Citizenship: USA
Full name of fifth invent	or: XIAO	YE ZHAO
Inventor's signature:		Date:
Residence:	MOUNTAIN VIEW, C.	A 94040
Post Office Address:	117 WHIT'S ROAD MOUNTAIN VIEW, C.	<b>4</b> 94040
	U.S.A.	Country of Citizenship: USA
Full name of sixth inven	tor: KAN	G-LIE CHIANG
*	0/2	Bate: 10/17/01
Inventor's signature:  Residence:	SAN JOSE CA 95184	Date. (O)
Post Office Address:	1788 Rosswood Dr.	
	SAN JOSE, CA 95124	
	U.S.A.	Country of Citizenship: TAIWAN
Full name of seventh in	ventor: ROBI	ERT B. HAGEN
Inventor's signature:		Date:
Residence:	NEWARK, CA 94560	
Post Office Address:	6826 CABERNET AVI	ENUE
	NEWARK, CA 94560	Country of Citizenship: USA
	U.S.A.	Country of Citizensinp. OSA
Full name of eighth invo	entor: MAT	THEW L. MILLER
		5.4
Inventor's signature:	NIEWADIZ OA 04560	Date:
Residence:	NEWARK, CA 94560 35457 ORLEANS DRI	A/E
Post Office Address:	NEWARK, CA 94560	V L
	U.S.A.	Country of Citizenship: USA

As a below named	d inventor, I hereby declare that:
This declaration is	of the following type:
[ ] c	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
first and sole inver	t office address and citizenship are as stated below next to my name. I believe I am the original, ntor (if only one name is listed below) or an original, first and joint inventor (if plural names are subject matter which is claimed and for which a patent is sought on the invention entitled:
	TITLE OF INVENTION
"MERIE PLAS	SMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"
	SPECIFICATION IDENTIFICATION
The specification o	f which:
[] w [ a [] w	s attached hereto  vas filed on @, under Serial No. (unknown), executed on even date herewith; or  ] Express Mail No. @(as Serial No. not yet known)  nd was amended on (if applicable)  vas described and claimed in PCT International Application No  and as amended under PCT Article 19 on
ACI	KNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	I have reviewed and understand the contents of the above-identified specification, including the by any amendment referred to above.
	duty to disclose all information I know to be material to patentability in accordance with ederal Regulations, §1.56,
	erial to the examination of this application; namely, information where there is a substantial casonable Examiner would consider it important in deciding whether to allow the application to ad
]	In compliance with this duty there is attached an Information Disclosure Statement in

PRIORITY CLAIM (35 U.S.C. §119)

accordance with 37 CFR §1.98.

09/527,342

March 17, 2000

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for
patent or inventor's certificate or of any PCT international application(s) designating at least one country other than
the United States of America listed below, and have also identified below any foreign application(s) for patent or
inventor's certificate or any PCT international application(s) designating at least one country other than the United
States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[X]	No such applications have been filed.							
	[]	Such app	lications have been	filed as follow	ws:				
Α.		Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119							
Count	ry/PCT		Application No	!	Date Fi	<u>leđ</u>		Priority Claimed	
								[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No	
В.		eign applic plication	cation(s), if any, fi	led more than	12 mos.	(6 mos for c	design)	prior to this	
	Country: Application No: Filing date:								
PRIORITY CLAIM (35 U.S.C. §120)									
I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.									
	[] No such applications have been filed [X] Such applications have been filed, as follows:								
				Stat	118				
	Serial N	<u>No</u> .	Filing Date	Patent		Pending		Abandoned	

X

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Registration No. 33,217 Donald Verplancken Lawrence Edelman Registration No. 25,226 Registration No. 37,165 Raymond Kam-On Kwong James C. Wilson Registration No. 35,412 Registration No. 37,771 Joseph Bach Robert W. Mulcahy Registration No. 25,436 Registration No. 29,119 Robert M. Wallace

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061 Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052.

U.S.A.

Robert M. Wallace (805) 644-4035

#### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first	inventor: DANIEL J. HO	FFMAN	
Inventor's signature:		Date:	
Residence:	SARATOGA, CA 95070		
Post Office Address:	12343 ARROYO DE ARGUELL	0	
	SARATOGA, CA 94070		
	U.S.A.	Country of Citizenship: US	SA
	***************************************		
Full name of second inver	itor: YAN YE		
Inventor's signature:		Date:	
Residence:	SARATOGA, CA 95008		
Post Office Address:	13271 VIA ARRIBA DRIVE		
	SARATOGA, CA 95008		
	U.S.A.	Country of Citizenship: US	SA
Full name of third inventor: DAN KATZ			
Inventor's signature:		Date:	
Residence:	AGOURA HILLS, CA 91301		
Post Office Address:	5520 EMBER COURT		
	AGOURA HILLS, CA 91301		

Country of Citizenship: USA

Inventor's signature:  Residence:  Post Office Address:  IVERMORE, CA 95540  Post Office Address:  LIVERMORE, CA 95540  U.S.A.  Country of Citizenship: USA  Full name of fifth inventor:  XIAOYE ZHAO  Inventor's signature:  Residence:  MOUNTAIN VIEW, CA 94040  U.S.A.  Full name of sixth inventor:  KANG-LIE CHIANG  Inventor's signature:  Residence:  SAN JOSE, CA 95124  Post Office Address:  1788 Rosswood Dr.  SAN JOSE, CA 95124  U.S.A.  Country of Citizenship: TAIWAN  Full name of seventh inventor:  ROBERT B. HAGEN  Inventor's signature:  Residence:  NEWARK, CA 94560  U.S.A.  Country of Citizenship: USA  Country of Citizenship: TAIWAN  Full name of seventh inventor:  ROBERT B. HAGEN  Inventor's signature:  NEWARK, CA 94560  U.S.A.  Country of Citizenship: USA  Country of Citizenship: TAIWAN  Date:  NEWARK, CA 94560  U.S.A.  Country of Citizenship: USA	Full name of fourth inver	ntor:	DOUGLAS A. BUCHBERGER, JR.		
Residence: LIVERMORE, CA 95540 Post Office Address: 2076 VINTAGE LANE LIVERMORE, CA 95540 U.S.A. Country of Citizenship: USA  Full name of fifth inventor: XIAOYE ZHAO  Inventor's signature: Date: Residence: MOUNTAIN VIEW, CA 94040 Post Office Address: 117 WHIT'S ROAD MOUNTAIN VIEW, CA 94040 U.S.A. Country of Citizenship: USA  Full name of sixth inventor: KANG-LIE CHIANG  Inventor's signature: Date: Residence: SAN JOSE, CA 95124 Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN Inventor's signature: NEWARK, CA 94560 Post Office Address: NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Inventor's signature:			Date:	
Full name of fifth inventor: XIAOYE ZHAO  Inventor's signature: MOUNTAIN VIEW, CA 94040 Post Office Address: 117 WHIT'S ROAD MOUNTAIN VIEW, CA 94040 U.S.A. Country of Citizenship: USA  Full name of sixth inventor: KANG-LIE CHIANG  Inventor's signature: Date: Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN  Inventor's signature: NEWARK, CA 94560 Post Office Address: 0826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Residence:	2076 VINTAGE	LANE		
Inventor's signature:  Residence:  MOUNTAIN VIEW, CA 94040 Post Office Address:  117 WHIT'S ROAD MOUNTAIN VIEW, CA 94040 U.S.A.  Country of Citizenship: USA  Full name of sixth inventor:  KANG-LIE CHIANG  Inventor's signature:  Residence:  SAN JOSE, CA 95124 U.S.A.  Country of Citizenship: TAIWAN  Full name of seventh inventor:  ROBERT B. HAGEN  Inventor's signature:  Residence:  NEWARK, CA 94560 U.S.A.  Country of Citizenship: USA  Country of Citizenship: TAIWAN  MATTHEW L. MILLER  Inventor's signature:  NEWARK, CA 94560 Post Office Address:  35457 ORLEANS DRIVE		U.S.A.		Country of Citizenship: USA	
Inventor's signature:  Residence:  MOUNTAIN VIEW, CA 94040 Post Office Address:  117 WHIT'S ROAD MOUNTAIN VIEW, CA 94040 U.S.A.  Country of Citizenship: USA  Full name of sixth inventor:  KANG-LIE CHIANG  Inventor's signature:  Residence:  SAN JOSE, CA 95124 U.S.A.  Country of Citizenship: TAIWAN  Full name of seventh inventor:  ROBERT B. HAGEN  Inventor's signature:  Residence:  NEWARK, CA 94560 U.S.A.  Country of Citizenship: USA  Country of Citizenship: TAIWAN  MATTHEW L. MILLER  Inventor's signature:  NEWARK, CA 94560 Post Office Address:  35457 ORLEANS DRIVE			777 A OX TE (771 A O		
Residence: MOUNTAIN VIEW, CA 94040 Post Office Address: 117 WHIT'S ROAD MOUNTAIN VIEW, CA 94040 U.S.A. Country of Citizenship: USA  Full name of sixth inventor: KANG-LIE CHIANG  Inventor's signature: Date: Residence: SAN JOSE, CA 95124 Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN  Inventor's signature: NEWARK, CA 94560 Post Office Address: 6826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Full name of fifth invento	or:	XIAOYE ZHAO		
Post Office Address:  117 WHIT'S ROAD MOUNTAIN VIEW, CA 94040 U.S.A.  Country of Citizenship: USA  Full name of sixth inventor:  Residence:  SAN JOSE, CA 95124 Post Office Address:  1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A.  Country of Citizenship: TAIWAN  Full name of seventh inventor:  ROBERT B. HAGEN  Inventor's signature:  Residence:  NEWARK, CA 94560 Post Office Address:  MATTHEW L. MILLER  Inventor's signature:  MATTHEW L. MILLER  Inventor's signature:  Date:  Date:  Date:  Date:  Date:  Date:  Date:  Date:  NEWARK, CA 94560 Post Office Address:  35457 ORLEANS DRIVE				Date:	
MOUNTAIN VIEW, CA 94040 U.S.A. Country of Citizenship: USA  Full name of sixth inventor: KANG-LIE CHIANG  Inventor's signature: Date: Residence: SAN JOSE, CA 95124 Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN  Inventor's signature: NEWARK, CA 94560 Post Office Address: NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE					
Full name of sixth inventor:  KANG-LIE CHIANG  Inventor's signature:  Residence:  SAN JOSE, CA 95124  Post Office Address:  1788 Rosswood Dr.  SAN JOSE, CA 95124  U.S.A.  Country of Citizenship: TAIWAN  Full name of seventh inventor:  ROBERT B. HAGEN  Inventor's signature:  NEWARK, CA 94560  Post Office Address:  6826 CABERNET AVENUE  NEWARK, CA 94560  U.S.A.  Country of Citizenship: USA  Full name of eighth inventor:  MATTHEW L. MILLER  Inventor's signature:  Residence:  NEWARK, CA 94560  Post Office Address:  NEWARK, CA 94560	1 ost Office Address.				
Inventor's signature: Date:  Residence: SAN JOSE, CA 95124 Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN  Inventor's signature: NEWARK, CA 94560 Post Office Address: NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  MATTHEW L. MILLER  Date: Date: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE		U.S.A.		Country of Citizenship: USA	
Inventor's signature: Date:  Residence: SAN JOSE, CA 95124 Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN  Inventor's signature: NEWARK, CA 94560 Post Office Address: NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  MATTHEW L. MILLER  Date: Date: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE					
Residence: SAN JOSE, CA 95124 Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN  Inventor's signature: NEWARK, CA 94560 Post Office Address: 6826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Full name of sixth inventor	or:	KANG-LIE CHL	ANG	
Post Office Address: 1788 Rosswood Dr. SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN  Inventor's signature: NEWARK, CA 94560 Post Office Address: 6826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Inventor's signature:			Date:	
SAN JOSE, CA 95124 U.S.A. Country of Citizenship: TAIWAN  Full name of seventh inventor: ROBERT B. HAGEN  Inventor's signature: NEWARK, CA 94560 Post Office Address: 6826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE					
Full name of seventh inventor:  ROBERT B. HAGEN  Inventor's signature:  NEWARK, CA 94560  Post Office Address:  NEWARK, CA 94560  U.S.A.  Country of Citizenship: TAIWAN  Date:  Date:  Country of Citizenship: USA  MATTHEW L. MILLER  Inventor's signature:  Residence:  NEWARK, CA 94560  Post Office Address:  NEWARK, CA 94560  Post Office Address:  35457 ORLEANS DRIVE	Post Office Address:				
Full name of seventh inventor:  ROBERT B. HAGEN  Inventor's signature:  Residence:  NEWARK, CA 94560  Post Office Address:  6826 CABERNET AVENUE  NEWARK, CA 94560  U.S.A.  Country of Citizenship: USA  Full name of eighth inventor:  MATTHEW L. MILLER  Inventor's signature:  Residence:  NEWARK, CA 94560  Post Office Address:  NEWARK, CA 94560  Post Office Address:  35457 ORLEANS DRIVE		•	95124	Country of Citizenship: TAIWAN	
Inventor's signature: NEWARK, CA 94560  Post Office Address: 6826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE				•	
Residence: NEWARK, CA 94560 Post Office Address: 6826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Full name of seventh invo	entor:	ROBERT B. HA	GEN	
Residence: NEWARK, CA 94560 Post Office Address: 6826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Inventor's signature:	11.000		Date: 10/17/6/	
Post Office Address: 6826 CABERNET AVENUE NEWARK, CA 94560 U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature:	Residence:			240.	
U.S.A. Country of Citizenship: USA  Full name of eighth inventor: MATTHEW L. MILLER  Inventor's signature: Date: Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Post Office Address:	•			
Full name of eighth inventor:  MATTHEW L. MILLER  Inventor's signature:  Residence:  NEWARK, CA 94560  Post Office Address:  35457 ORLEANS DRIVE		-	94560		
Inventor's signature: Date:		U.S.A.		Country of Citizenship: USA	
Inventor's signature: Date:			3.6.4mm111111111111	MILED	
Residence: NEWARK, CA 94560 Post Office Address: 35457 ORLEANS DRIVE	Full name of eighth inventor: MATTHEW L. MILLER				
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U.S.A. Country of Citizenship: USA		•	74,700	Country of Citizenship: USA	

As a below nam	As a below named inventor, I hereby declare that:				
This declaration	is of the following type:				
[ ] [ ] [ ] [X]	original divisional continuation continuation-in-part				
	INVENTORSHIP IDENTIFICATION				
first and sole inv	ost office address and citizenship are as stated below next to my name. I believe I am the original, tentor (if only one name is listed below) or an original, first and joint inventor (if plural names are the subject matter which is claimed and for which a patent is sought on the invention entitled:				
	TITLE OF INVENTION				
"MERIE PL	ASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"				
	SPECIFICATION IDENTIFICATION				
The specification	of which:				
[ X ] [ ] [ ] filed on	is attached hereto was filed on @, under Serial No. (unknown), executed on even date herewith; or [ ] Express Mail No. @(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No and as amended under PCT Article 19 on				
A	CKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR				
•	at I have reviewed and understand the contents of the above-identified specification, including the ed by any amendment referred to above.				
	e duty to disclose all information I know to be material to patentability in accordance with Federal Regulations, §1.56,				
	aterial to the examination of this application; namely, information where there is a substantial reasonable Examiner would consider it important in deciding whether to allow the application to and				
	[ ] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.				

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for
patent or inventor's certificate or of any PCT international application(s) designating at least one country other than
the United States of America listed below, and have also identified below any foreign application(s) for patent or
inventor's certificate or any PCT international application(s) designating at least one country other than the United
States of America filed by me on the same subject matter having a filing date before that of the application(s) of
which priority is claimed.

[X]	No such applications have been filed.

[ ] Such applications have been filed as follows:

# A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

Country/PCT	Application No	Date Filed	Priority Claimed
			[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

### PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[] No such applications have been filed[X] Such applications have been filed, as follows:

		Status		
Serial No.	Filing Date	Patented	Pending	Abandoned
09/527,342	March 17, 2000		X	

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa Registration No. 25,610 Donald Verplancken Registration No. 33,217 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Joseph Bach Registration No. 37,771 Robert W. Mulcahy Registration No. 25,436 Robert M. Wallace Registration No. 29,119

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#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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	0.5.21.	1		
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	U.S.A.	Country of Chizenship. OSA		
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	SAN JOSE, CA 95124			
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Full name of seventh in	ventor: ROBERT B. H	AGEN		
Full name of seventh in	ventor. ROBERT B. II.	AGEN		
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	U.S.A.	Country of Citizenship: USA		
	entor: MATTHEW L	MILLED		
Full name of eighth inve	entor: MATTHEW L	2 1		
Inventor's signature:	/ William	Date: 10/2/01		
Residence:	NEWARK CA 94560			
Post Office Address:	35457 ORLEANS DRIVE			
1 03t Office Address.	NEWARK, CA 94560			
	IIS A	Country of Citizenship: USA		